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| Appli | cation | /Control | No. |
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10/081,628

Examiner

Helen L. Pezzuto

Applicant(s)/Patent under Reexamination

DORN ET AL.

Art Unit

1713

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| Cla      | aim      | Date           |  |                 |          |  |          | Date   |                 |           |               |          |          |                 |           | Cla           | aim       | Date     |  |               |       |       |          | CI   | aim             | Date     |          |                |          |               |                |           |
|----------|----------|----------------|--|-----------------|----------|--|----------|--|-----------------|-----------|---------------|----------|----------|-----------------|-----------|---------------|-----------|----------|--|---------------|-------|-------|----------|--|-----------------|----------|----------|----------------|----------|---------------|----------------|-----------|
|          |          |                |  |                 |          |  |          |  |                 |           |               |          |          |                 |           |               |           |          | П  | $\neg \Gamma$ | 1     |       |          | _  | $\Box$          |          |          |                |          |               | Ţ              | ヿ         |
| Final    | Original | 8/24/05        |  |                 |          |  |          |  |                 |           |               | Final    | Original |                 |           |               |           | 1        |  |               |       | Final | Original |  |                 |          |          |                |          |               |                |           |
| 這        | Ë        | 22             |  |                 |          |  |          |  |                 |           |               | 证        | rig      |                 |           |               |           | 1        |  |               |       | 造     | į        |  |                 |          |          |                |          |               | l              |           |
|          | 0        | "              |  | ĺ               | İ        |  |          |  |                 |           |               |          | 0        |                 |           |               |           |          |  | - 1           |       |       | 0        |  |                 |          | l        |                |          |               |                | i         |
|          | 1        | ÷              |  | T               |          |  |          |  |                 |           |               | -        | 51       |                 | $\exists$ |               | Ť         | 1        |  |               | 1     |       | 101      |  | $\vdash$        | $\vdash$ | H        |                |          |               | +              | ᅥ         |
|          | 2        | i              |  | T               |          |  |          | П  |                 |           |               |          | 52       | П               |           |               | $\dagger$ | +        |  | $\neg$        | 1     |       | 102      | $\vdash$   | $\vdash$        |          |          |                |          | $\vdash$      |                | $\dashv$  |
|          | 3        | Ħ              | T  | T               |          | T  | T        | П  | $\Box$          |           |               |          | 53       |                 |           |               | $\top$    | $\top$   |  |               | 1     | -     | 103      | ┢  | _               |          | $\vdash$ |                |          |               |                |           |
|          | 4        | П              |  |                 |          |  | 1        |  |                 | 一         |               |          | 54       | П               |           | 1             | ✝         | 1-       | $\vdash$   |               | 1     |       | 104      | _  |                 |          |          |                |          |               | $\dashv$       | =         |
|          | 5        | H              | ┢  | $t^-$           | $\vdash$ | Н  | T        | П  |                 | $\neg$    |               |          | 55       | Н               |           |               | 1         | +        |  | _             |       |       | 105      | $\vdash$   | $\vdash$        | Н        |          | $\vdash$       |          | $\neg$        | ┪              | -         |
|          | 6        | H              | <del>                                     </del> |                 | $\vdash$ | H  | T        | П  | H               | T         |               |          | 56       | П               |           | $\neg$        | +         | -        |  | _             | 1     |       | 106      | <del>                                     </del> | Н               | Н        |          |                |          | $\dashv$      | $\dashv$       | -         |
|          | 7        | H              | T-   |                 |          |  |          | П  | H               | T         |               |          | 57       | П               |           |               | $\top$    |          | $\Box$   |               |       |       | 107      | <del>                                     </del> | Н               |          |          |                |          | $\dashv$      | _              | $\neg$    |
|          | 8        | H              |  |                 |          |  |          | Н  |                 | $\exists$ |               |          | 58       | Н               |           | $\dashv$      | +         | <b>-</b> | 1-1  | _             | 1     |       | 108      | -  | Н               | Н        | H        |                |          | $\dashv$      | -+             | $\neg$    |
|          | 9        | H              | T  | T               |          |  | T        | Н  | $\vdash$        | $\dashv$  |               |          | 59       | 1               |           | _             | +         |          | 1  | +             | 1     |       | 109      |  | $\vdash$        | Н        |          | -              |          | $\dashv$      | <del>-  </del> | _         |
|          | 10       | H              | ╁  | $\vdash$        | $\vdash$ | ╁  | 一        |  | $\vdash$        | $\dashv$  |               |          | 60       | Н               |           | -             | +         |          |  |               | 1     |       | 110      |  | H               | $\vdash$ | -        | $\vdash$       |          | $\dashv$      | ┰              |           |
|          | 11       | H              |  |                 |          |  | ┢        | Н  | $\vdash$        | $\dashv$  |               |          | 61       | Н               |           | $\dashv$      | _         |          | H  | 1             |       |       | 111      |  | Н               |          | $\vdash$ | $\vdash$       | -        | $\dashv$      | $\dashv$       | $\dashv$  |
|          | 12       | H              | <del>                                     </del> | H               | $\vdash$ | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$        | $\dashv$  |               |          | 62       | $\vdash$        |           | $\dashv$      | +         | +        | 1 1  |               | 1     |       | 112      |  | H               | Н        | $\vdash$ | Н              |          | -             | $\dashv$       | _         |
|          | 13       | H              | $\vdash$   | $\vdash$        | $\vdash$ |  | $\vdash$ | Н  | $\dashv$        | $\dashv$  |               |          | 63       | H               | $\dashv$  | +             | +         | +        | <del>} }</del>   | +             | 1     |       | 113      |  | Н               | Н        |          | $\vdash$       | $\vdash$ | $\dashv$      | $\dashv$       | ᅴ         |
|          | 14       | H              | H  | $\vdash$        | $\vdash$ | <del> </del>                                     | -        | <del>                                     </del> | $\vdash$        | $\dashv$  |               |          | 64       | Н               |           | -+            | +         | +        | 1 1  | +             | 1     |       | 114      |  | Н               | $\vdash$ | $\vdash$ | Н              |          |               | $\dashv$       | 4         |
| <u> </u> | 15       | ÷              | -  | $\vdash$        | $\vdash$ | ╁─   | $\vdash$ | $\vdash$   | $\vdash$        | $\dashv$  |               |          | 65       | $\vdash$        | $\dashv$  | +             | +         | +        | ╁┈┤  |               | 1     |       | 115      | <u> </u>   | H               | $\vdash$ | H        | Н              | -        | $\dashv$      | $\dashv$       | $\dashv$  |
| <u> </u> | 16       | X              | ╁  | $\vdash$        |          | ┼  | -        | $\vdash$   | $\vdash \vdash$ | $\dashv$  | 1             |          | 66       | -               | $\dashv$  | +             | +         | +        | ╁  | -             | 1     |       | 116      | <u> </u>   | $\vdash$        | $\vdash$ |          | $\vdash$       |          | $\dashv$      | $\dashv$       | ᅱ         |
|          | 17       | <del>  ^</del> | <del> </del>                                     | $\vdash$        | -        | $\vdash$   |          | $\vdash \vdash$                                  | $\vdash \vdash$ | $\dashv$  |               |          | 67       | $\vdash$        | $\dashv$  | +             | +         | +-       | ╀  | +             | 1     |       |          | _  | Н               | Н        | -        |                | $\vdash$ | $\dashv$      | -+             |           |
| <u> </u> | 18       | ╌              | ├—   | -               |          | -  | <u> </u> | Н  | $\vdash$        |           |               |          |          | Н               | $\dashv$  | $\dashv$      | +         |          |  | $\dashv$      |       |       | 117      |  |                 |          | <u> </u> | -              |          | $\rightarrow$ | -              | _         |
| <u> </u> | _        | Ĥ              | -  | -               |          | <u> </u>   | ├        | Н  | $\dashv$        |           |               |          | 68       | Н               |           |               | +         | +-       | ₩  | _             |       |       | 118      |  |                 |          | _        | -              |          | _             | _              | _         |
| _        | 19       | X              | ├  |                 | <u>.</u> | <del> </del>                                     | <u> </u> |  |                 | -         |               |          | 69       | _               | $\dashv$  | _             | +         | +        | ┈  |               |       |       | 119      |  | Ш               |          |          | $\blacksquare$ |          | _             | _              | _         |
|          | 20       | +              | ├  |                 | _        | ļ  | <u> </u> |  | 1               | _         |               |          | 70       |                 |           | _             | +         | +        | Щ.   | _             |       |       | 120      |  | Щ               |          |          | -1             |          | _             | _              | _         |
|          | 21       | H              |  | Ш               |          |  | <u> </u> |  | _               | _         |               |          | 71       | Ш               |           |               | _         |          |  |               |       |       | 121      | L  | Ш               |          |          |                |          |               | _              | _         |
| <u> </u> | 22       | Н              | _  | Ш               |          | _  | L        |  |                 | _[        |               |          | 72       | Щ               | $\Box$    | _             | _ _       |          | $\sqcup$   |               |       |       | 122      |  |                 |          |          |                | _        |               | _              |           |
|          | 23       | Ш              |  |                 |          |  |          |  |                 | _         |               |          | 73       | Щ               |           | _  .          | ┸         |          | Ш  |               |       |       | 123      |  |                 |          |          |                |          |               |                | Ш         |
|          | 24       | Ц              | L_   |                 | -        |  | _        | Ш  |                 | _         |               |          | 74       | _               |           | _             |           |          |  |               |       |       | 124      |  | Ш               |          |          |                |          |               |                |           |
|          | 25       | Ш              |  |                 |          |  |          |  |                 |           |               |          | 75       | Ш               |           |               |           |          |  |               |       |       | 125      |  |                 |          |          |                |          |               |                |           |
|          | 26       | Ш              |  |                 |          |  |          | Ш  |                 |           |               |          | 76       | Ш               |           |               |           |          |  |               |       |       | 126      |  |                 |          |          |                |          |               |                |           |
|          | 27       |                |  |                 |          |  |          |  |                 | _         |               |          | 77       |                 |           |               |           |          |  |               |       |       | 127      |  |                 |          |          |                |          |               |                |           |
|          | 28       |                |  |                 |          |  |          |  |                 |           |               |          | 78       |                 |           | L             |           |          |  |               |       |       | 128      |  |                 |          |          |                |          |               |                |           |
|          | 29       |                | L  |                 |          |  |          |  |                 |           |               |          | 79       |                 |           |               |           |          |  |               | ]     |       | 129      | -  |                 |          |          |                |          |               | T              |           |
|          | 30       | ÷              |  |                 |          |  |          |  |                 |           |               |          | 80       |                 |           |               | Т         |          | П  |               |       |       | 130      |  |                 |          |          |                | $\neg$   |               | T              |           |
|          | 31       | X              |  |                 |          |  |          |  |                 |           |               |          | 81       |                 |           |               |           |          |  |               |       |       | 131      |  |                 |          |          |                |          |               | 寸              |           |
|          | 32       | Ш              |  |                 |          |  |          |  | $_{-}$ T        |           |               |          | 82       |                 |           |               | T         |          |  |               |       |       | 132      |  |                 |          |          |                | $\neg$   |               | 1              | ㅓ         |
|          | 33       | ×              |  |                 |          | L  |          |  |                 |           |               |          | 83       |                 | $\neg$    | $\top$        | Τ         | T        |  | $\top$        |       |       | 133      |  | П               |          |          | $\Box$         | 寸        | $\dashv$      | ヿ              | $\neg$    |
|          | 34       | +              |  |                 |          |  |          |  |                 |           |               |          | 84       |                 | ヿ         | -  .          |           | 1        | $\Box$   |               |       |       | 134      |  |                 |          |          |                | T        |               | T              | $\dashv$  |
|          | 35       | Т              |  |                 |          |  |          |  |                 |           |               |          | 85       |                 | $\neg$    | $\top$        |           | $\top$   | $\sqcap$   |               | ::::: |       | 135      |  | П               |          |          |                | ı        | $\neg$        | _              | $\exists$ |
|          | 36       |                |  |                 |          |  |          |  |                 |           |               |          | 86       |                 | $\neg$    | $\neg$        | $\top$    | $\top$   | $\sqcap$   |               |       |       | 136      |  |                 |          |          | $\Box$         | $\dashv$ | $\dashv$      | 寸              | ㅓ         |
|          | 37       |                | Γ  |                 |          |  | П        | $\Box$   | 一               | 7         |               |          | 87       |                 | 寸         | $\neg \vdash$ | $\top$    | 1        | $\sqcap$   | 1.            |       |       | 137      | _  | $\vdash$        | $\dashv$ |          |                | $\neg$   | $\dashv$      | $\dashv$       | $\dashv$  |
|          | 38       | ÷              | $I^-$  | П               |          | Г  | П        | П  |                 |           |               |          | 88       | $\vdash$        | 十         | $\top$        | $\top$    | $\top$   | 1 +  |               | 1:::: |       | 138      |  | $\vdash$        | $\vdash$ | -        | -              | $\dashv$ | $\dashv$      | $\dashv$       | $\dashv$  |
|          | 39       |                |  | П               |          |  |          | $\Box$   | $\dashv$        | 7         |               |          | 89       | $\vdash$        | 寸         | $\top$        | +         | +        |  | 1             |       |       | 139      |  | $\vdash$        | $\dashv$ | Н        |                | $\dashv$ | $\dashv$      | $\dashv$       | $\dashv$  |
|          | 40       |                | <u> </u>   | $\vdash$        |          |  | Н        | Н  | $\dashv$        | 7         |               |          | 90       | $\vdash \vdash$ | +         | _             | +         | +        | +  | +             |       |       | 140      |  | $\vdash$        | $\vdash$ |          |                | $\dashv$ | $\dashv$      | $\dashv$       | ᅱ         |
|          | 41       |                | $\vdash$   | $\vdash$        |          |  | Н        | $\vdash$   | 十               | -         | iii t         |          | 91       | $\vdash \vdash$ | $\dashv$  |               | +         | +        |  | $\dashv$      |       |       | 141      |  | $\vdash$        | $\dashv$ | Н        | -              |          | $\dashv$      | $\dashv$       | $\dashv$  |
|          | 42       |                | $\vdash$   | H               | $\dashv$ | _  | $\vdash$ | $\vdash$   | $\dashv$        | $\dashv$  |               |          | 92       | H               | $\dashv$  | +             | +-        | +        | $\vdash$   | +             |       |       | 142      | -  | $\vdash$        | $\vdash$ |          | $\dashv$       | $\dashv$ | -+            | -              | $\dashv$  |
|          | 43       |                | $\vdash$   | $\vdash$        | -        |  | Н        | $\vdash$   | $\dashv$        | $\dashv$  | :::: <b> </b> | $\dashv$ | 93       | $\vdash \vdash$ | $\dashv$  | +             | +-        | +-       | <del>                                     </del>   | +             |       |       | 143      | -  | $\vdash$        | $\vdash$ | $\vdash$ | $\dashv$       |          | $\dashv$      |                | -         |
|          | 44       |                | $\vdash$   | $\vdash \vdash$ | -        | $\vdash$   | $\vdash$ |  | $\dashv$        | $\dashv$  | ⊪⊦            |          | 94       | $\vdash$        | $\dashv$  | +             | +         | ╁        | <del>   </del>   | +             |       |       | 144      | _  | ┝╌┤             | $\vdash$ | $\vdash$ | $\dashv$       |          | $\dashv$      | +              |           |
|          | 45       |                | -  | $\vdash$        | -        |  | $\vdash$ |  | +               | $\dashv$  | ::::}         |          | 95       |                 | $\dashv$  | +             | +-        | ╁        | <del>                                     </del>   | -             |       |       | 144      |  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$       |          | $\dashv$      | $\dashv$       | -         |
|          | 46       | _              | ├  | $\vdash$        | $\dashv$ | $\vdash$   | Н        | $\dashv$   | +               | $\dashv$  |               |          | 96       | $\dashv$        | $\dashv$  | +             | +         |          | <del>   </del>   |               |       |       | 145      |  |                 | -        |          | $\dashv$       | 1        | $\dashv$      | -              | ᅴ         |
|          | 47       |                | ├  |                 |          | -  | Н        | $\vdash$   | $\dashv$        |           | <b></b>       |          | 96       | $\vdash$        | $\dashv$  | +             | +         | +        |  |               |       |       | 146      | _  |                 |          | Н        |                |          | $\dashv$      | 4              | 4         |
|          | 48       |                | -  | $\vdash$        | _        |  | $\vdash$ | -  | -               | :         | ⊪l-           |          |          | $\vdash$        | -         |               | +         | +        | $\vdash$   |               |       |       | 147      |  |                 | _        |          | _              | _        | _             | 4              | _         |
|          |          |                | <u> </u>   |                 | _        | $\vdash$   | $\vdash$ | $\dashv$   | -               | :         | ##\           |          | 98       | $\vdash$        | -         |               | +         | ┿        | $\vdash \vdash$  | -             |       |       | 148      | -  | _               | _        | _        | _              | _        | $\perp$       | _              | _         |
| $\vdash$ | 49       |                | -  |                 | -        | Н  | -        | $\dashv$   | +               |           | -             |          | 99       | <b>-</b>        | _         |               | - -       |          | $\vdash$   |               |       |       | 149      |  | $\sqcup$        | _        |          |                | _        |               |                | _         |
|          | 50       |                |  |                 |          |  | Ш        |  |                 | _]:       | ::::[         |          | 100      |                 |           |               | _  _      | 1        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |               | ::::: |       | 150      |  |                 | 1        |          |                |          | - 1           | - 1            | - 1       |